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<110> University of British Columbia  
Mahenthiralingam, Eshwar

<120> Method for the Identification and Speciation of  
Bacteria of the Burkholderia Cepacia Complex

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 tccacgggtt cgctgggtct cgatatcgac ctggcgatcg gcccgcgtcc ggcggccgg 180  
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gtgcgtctcg atatccgccc gatcggctcg atcaagaaga acgacgaggt gatcggcaac 720  
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<210> 15

<211> 1041

<212> DNA

<213> Burkholderia cepacia

<220>

<223> recA gene

<400> 15

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tccacgggtt cgctgggcct cgatatcgac ctggcgatcg gcccgttcgc  
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ggcgagctgc agaagctggg cggcaccgcg gcgttcatcg acggcgagca  
gtccagtacg cgtcgaagct cggcgatcgatcc gtcgtatttc  
accggcgagc aggcgctggg aatcaccgcg gcgctgtgc gtcgggctc  
atcgteatcg actcggtcgcc ggcgtctgtcc  
gattcgctgc cggggctgca ggcggccctg atgtcgccagg  
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gtgatgttcg gcaaccggg aaccacgacg ggcggtaacg  
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<210> 16

<211> 1041

<212> DNA

<213> *Burkholderia cepacia*

<220>

<223> recA gene

<400> 16

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&lt;210&gt; 17

&lt;211&gt; 1041

&lt;212&gt; DNA

&lt;213&gt; Burkholderia cepacia

&lt;220&gt;

&lt;223&gt; recA gene

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 gaaaccccgcg tgaaggtcgta caagaacaag gtgtcgccgc cggtccgoga agcgatctt 780  
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 gaggcgatgg acgaagaaga g 1041

&lt;210&gt; 18

&lt;211&gt; 1041

&lt;212&gt; DNA

&lt;213&gt; Burkholderia cepacia

&lt;220&gt;

&lt;223&gt; recA gene

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gtggtcgaga tctacggtcc ggaatcgtcc ggttaagacca cgctcacgct gcaggatcatc 240  
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 accggcgagc aggccctcg aatcaccgat ggcgtggtcg gctcggtc gatcgacatg 420  
 atcgtcatcg actcggtcg ggcgtcgtc cgaaaggccg aaatcgaagg cgagatgggc 480  
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 ggcaaggaca acgcgcgtga attcctcgcc gaaaatccgg aaatcgccg cgagatcgag 960  
 aaccgcatcc gcaaatcgct cggcgtcg gcaatgcccg atggcgcagg caacgaagcc 1020  
 gaggcgatgg acgaagaaga 9 1041

&lt;210&gt; 19

&lt;211&gt; 1041

&lt;212&gt; DNA

&lt;213&gt; Burkholderia cepacia

&lt;220&gt;

&lt;223&gt; recA gene

&lt;400&gt; 19

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 tccacgggtt cgctgggtct cgacatcgat ctggcgatcg gcccgttgcg gcccggccgg 180  
 gtggtcgaga tctacggtcc ggaatcgtcc ggttaagacca cgctcacgct gcaggatcatc 240  
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 gaaaccccgct tgaaggctcg caagaacaag gtgtcgccgc cggtccgcga agcgatcttc 780  
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 ggcaaggaca acgcgcgtga attcctcgcc gaaaatccgg aaatcgccg cgagatcgag 960  
 aaccgcatcc gcaaatcgct cggcgtcg gcaatgcccg atggcgcagg caacgaagcc 1020  
 gaggcgatgg acgaagaaga 9 1041

&lt;210&gt; 20

&lt;211&gt; 18

&lt;212&gt; DNA

&lt;213&gt; Burkholderia cepacia

&lt;220&gt;

&lt;223&gt; recA forward primer (BCRUI\*)

&lt;400&gt; 20

18

tgccggatggg cgacggcg

<210> 21  
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<212> DNA  
<213> Burkholderia cepacia

<220>  
<223> recA reverse primer (BCRU2\*)

<400> 21  
cagttctgtc gcttgcgtcg

19

<210> 22  
<211> 19  
<212> DNA  
<213> Burkholderia multivorans

<220>  
<223> B. multivorans specific recA forward primer  
(BCRBM1)

<400> 22  
cggcgtcaac gtgccggat

19

<210> 23  
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<212> DNA  
<213> Burkholderia multivorans

<220>  
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(BCRBM2)

<400> 23  
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19

<210> 24  
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<212> DNA  
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<220>  
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(BCRBV1)

<400> 24  
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18

<210> 25  
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<212> DNA  
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<220>  
<223> B. vietnamiensis specific recA reverse primer  
(BCRBV2)

<400> 25  
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18

<210> 26  
<211> 18  
<212> DNA  
<213> Burkholderia cepacia

<220>  
<223> B. cepacia Genomovar IV specific recA forward  
primer (BCRG41)

<400> 26  
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18

<210> 27  
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<220>  
<223> B. cepacia Genomovar IV specific recA reverse  
primer (BCRG42)

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18

<210> 28  
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<220>  
<223> B. cepacia Genomovar III, RG-B recA specific  
forward primer

<400> 28  
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18

<210> 29  
<211> 18  
<212> DNA  
<213> Burkholderia cepacia

<220>  
<223> B. cepacia Genomovar III, RG-B recA specific  
reverse primer

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<210> 30  
<211> 18  
<212> DNA  
<213> Burkholderia cepacia

<220>  
<223> B. cepacia Genomovar I specific recA forward primer (BCRG11)

<400> 30 18  
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<210> 31  
<211> 19  
<212> DNA  
<213> Burkholderia cepacia

<220>  
<223> B. cepacia Genomovar I specific recA reverse primer (BCRG12)

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<210> 32  
<211> 19  
<212> DNA  
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<220>  
<223> B. cepacia Genomovar III, RG-A specific recA forward primer (BCRG31)

<400> 32 19  
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<210> 33  
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<212> DNA  
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<220>  
<223> B. cepacia Genomovar III, RG-A specific recA reverse primer (BCRG32)

<400> 33 18  
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<210> 34  
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<212> DNA  
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<220>  
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<400> 34  
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<210> 35  
<211> 18  
<212> DNA  
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<220>  
<223> B. cepacia recA forward primer (BCR3)

<400> 35  
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<210> 36  
<211> 19  
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<220>  
<223> B. cepacia recA forward primer (BCRU1)

<400> 36  
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<210> 37  
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<220>  
<223> B. cepacia recA reverse primer (BCRU2)

<400> 37  
cagttctgtc gcttgatcg 19

<210> 38  
<211> 19  
<212> DNA  
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<220>  
<223> B. cepacia Genomovar III, RG-B recA specific forward primer

<400> 38  
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<210> 39  
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<212> DNA  
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<220>  
<223> B. cepacia RG-C specific recA forward primer

<400> 39  
gtcgggtaaa accacgtg 18

<210> 40  
<211> 18  
<212> DNA  
<213> Burkholderia cepacia

<220>  
<223> B. cepacia RG-C specific recA reverse primer

<400> 40  
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